Paped March 9 th Dipertation on the Marafmus of children Gustavus R. B. Horner ba.

quolivered & Il Homes to

Thorasmus, or gineral wasting of the body has within a few years, been ascertained to de pend on devangement of some one of the chy ispoiche viscera, or of the alimentary canal. ayor in his excellent trealest on this complaint observed "if The views which I have taken be correct there is no difference between The marrowner of children, and that disorder of adults, which may strictly be denominated Bilious, either in the nature, the causes. or the means of were." The author, Therefore, considers marasmus and Belious as synominous terms, and comprehends under them every variety of this disorder. adopting his plan of de vide masasmus into too parts, acute and chronce.

The chronic is distinguished by a morbidly craving appetite, and not accompanied by much fever, but in the acute form there is loss of appelite and a considerable de gree of fever. maranew is met with in infancy childhood and adult age; I however, shall mat of it only as it recurs in infants, and children, limiting the age of the former to two years, and that of the latter to four tun years. In the fant: This complaint is at first altended with languor, a disposition to sleep due ving The day, and with swhilpness at night. It takes food in The commencement with readinely, and may be soothed by it, but in a short time all appetite is lost, it enes and becomes extremely restless. The breathing towards night is quicker, and

use of leaves united at mile as it common in a lander and lower front this construction is not allowed in in mill language a incorporation of which their and in time all all the is left it has one financia a family rate of the the many we had no see a see and

louder, otherded by steeper, frequent startings, heat of body, and coldness of the extremities. of the infant be several months of age, and of a vigorous constitution, to bowels will frequently become loose, and the ap petite continue natural, The stools vary much, being sometimes of a yellowich green colour, and curdy, and at other times parte coloured, and sliny. The flesh is flably, the longue white, and not unfrequently covered with aptha, bough, a rush about The body, and imptioned about the nose, month, and care are common. Before long, a considerable mercase of. fever enous, every seemed of food is loath ed, the restlessness is greater; there is the por catrime imaciation, convulsions, and fastly, death. The Chronic stage of marasmus in children

comes on inordiously. There being at first merely an inerease of appetite, a partial loss of animation, ta reluctance to reseas its usual hours IT soon loses all disine to engage in its wonted amusements, com plains of chillings, and laws pains in The knew, and thigher. The breath becomes fooled; the longue is white in the morning before cating; and the bowds are either rigidar or loose, In a short time it is fains, droway, always disposed to sleep during the day, and when sleeping starts, and eres out as if from fear. a spasmodie cough lowards evening is a common symptom the appelite is good or bad, as the bowels are loose, or costive, the stools are strongand grunish; the oken dry; the jule c hand and quick, especially, during sleep; the strongthfilethe flesh gradually was tes, as

home in line out of the server of the sylven in rains of the many of family among consider commence as a summer count commence ince the street of the same to me with

. The case advances, and the appetite , of ter frequent variations from good to bad, is at last completely destroyed. an caposure to cold will now easily develope ! The acute form of the disease, which is now marked with symptoms of conorderable , while existement, and carticularly at might, the child at this time is ristless, has a hot, and dry skin. hurried revieration, and is much distur bed while as leep. There is often pain in The head, uneaviness of the stomach, and bowels, a while longue, teanty, highes loured and her did write, costere, or losse bowels, and when loose, discharging she my or yearte incere of a very oftension comell. as might be calculed the complexion at this stage is pale, and sallow, and the countenance languid, and sunken



all of the symptoms enumerated will seldom or never be met with in a single east; and in some instances one or more of them will so predominate, that some other important disease may be thought to wist. how and then we will have all he symploms of worms, or perhaps those of Tabes Mesentenca. In infancy Maraones may be readely confounded with the write um from dentition, and not uncommonly with the Diagnostice on inplomes of Hoydrouphalus Internes. " The swelled, inflamed. and untable state of the gume of infants, says ayre, which is allobated to some natur rat defliculty in direlition may be consider. ed as a symptom only, and not as it is give rally thought a cause of this complaints Gonerning the strong resemblance of ma rasmus in some instances, to they drove =



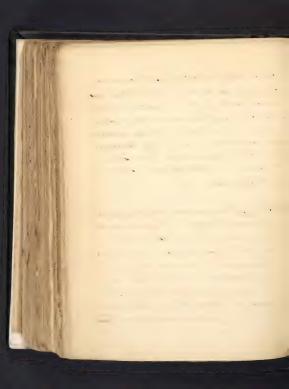
Shalus Intimus, "he same distinguished win ter remarks " that he had been lead on a great many occasions is suspect that this latal disease was commencing; and in wo or three instances he had been induced to believe that it was netually present, and had been gratified to find by the rout that he had been menta ken. 68 There is in just says he often son orderable difficulty, where ally in infancy, to determine when the symptoms has per to maralmus timinate, and those selonging to sty drove to ha las internes begen, and it is frequently by the noult alone, That an opinion of heir nature can be formed"

hotivithstanding the difficulty in some cases of forming a correct This noise to town these lies complaints It agre



believes that by discreptulus of hermies to a certainly inists where the child securing varies his hand to the head, and de series is have it loss, and to be proposed believes. The reciput and forchead when there is determined to the trong where there is down the reserve or theretainly and a store in termitting pulse.

Pathology & Thung suppose that the arasmus is definitions morely on a loaded, under stipated plate of the borners, but this specimen appears to be eveneous, and a too interested be with the phononous exhibited by the disease; and with the treatment to the treatment to the treatment to the treatment of the specimes are always those of a disordered state of the chy topolice voceroe; and



we will find that the disease though ntured, yet can not be condicated by The untoading of the bowle. It is the openion of to know, and of nere that maraomers defunds on a deranged otale of the alimentary canal, in which all of the chy to contie viscora or moral trice. In Bure thenks the stomach may be disor dired in its functions by a cause direct by applied to it, and may induce de rangement in the liver; or that he stomach may become dwards ed by he who sympathies from a complaint in the Liver. It w dowbtful o what has viewlar de an orment of the stomach we should attribute an interruption, in inegalarity in the unctions of the sever It is surred be agre that the lough phligm, which is always fre-



pent in the stomach, and bowels of those affected with harasmus has a greating Unever in agravating of not in jurdueng it, and he winds that this pehligm contributes to the exciting of the disease by its own morbed inclation, a by its in tirrupting digution; to which the occurred to inconted from receiving that partientar plumeters which is necessary to weite the Live and other subordin ale oreans to their will and proper achouse This derangement of the stomach he thinks may communeate a morbid and imperfect plima her to The Liver, where -by its presition is impeded, and becomes of an unhealthy nature: That are interrup how in the accordanced action of the xiver reasions a congestion of its outself and the diminished were how the ownside



to a conquetion of they bend it lavure, that he congestion of these ordered saw onthe be overcome by restoring the secretion; to a discharge of blood from the loaded extrem ties of the bind Porlarum or by a he morrhoidal Huse. Ir Charman intertains an openion with rishest to this disease, correspond ing very nearly with that of & More: he believes maraomus consists in a dirangement of the alimentary ea nat, from a Virumous Dia thesis, in which all of the obylopoulie biverso and a part of the dymphate oystime sysupaliuse, The correctings of the latter openion is evedent on a Post mortion examina lion, which discours the introlines tilled with vitated forces, and a



Thick mueus - the Low inlarged & he ramp rate plands so timefeed, and induvated, as wednesty to have irrounted in a great measure theat sorption of chyle, and a nopes de gree of nourishment to the system. Bemote bande The most common of These, are cold, an improper dist, I The impure air of erouded, or all un libated retuations. The fall, from a fire distrosition acquired by The previous heats of summer, is thought obe the senson in which cold most easily exected this disorder. One of the most common causes of maranmus according to some of the most dis tinguished authors, is the withhold ing of the natural nourshment,



The milk of the mother, and loading The infant's stomach with the most indigestable articles of food. It may or laid down, observes hym, as an incontrovertible fact, that during the first our or eight months of an injunts left, the anty suitable jord. for it is the mills of the mother; all avirficially prepaired food having The strongest linding to disorder it, and producing, too commonly, symptoms of a biliary derangement, in theer most marked and julas form,"

to support the source they of this apertion we have the authority of thingh Vanithe, who says it is a solemn bruth that almost every wom an is capable of supporting his infant; that confiring it.



allogether to her breast will prove of ite greatest advantage both to one and is he o'her; and that way day I will were strong the and at last wire dely discusse. With the above mentioned causes on man immerate the giving of iandanum, and the too early administration of aperinto. The op pheation of wohl bandages about the abdomen, a said, to predispose choldren to this complaint, by composition the parts within The ibelowner; and either introfe ring with their development, or powerting them from proforming their wateral fune time.



Treatment 3 ho class of medicines. appears to be better suited to this disorder, than that of Purgations, and ; them balomed is middled to one greatest degree of confidence, from its operagie action on the Liver. In what manner this medicine acts on the Liver has not been fore ciochy asser turned. It has been sup posed by some that it affects has organ by making an impression in the stomach, and restoring to perrelime to their healthy state; or by emparting to the stomach a stime who, which is communicated by rempathy to the diver. These suprison time, hardly mint our allenhous; jore in well know that weers to his vaine effects riviets when hover.



is applied to the okin. The use of balowel , by the advice of In Chapman, should be preceded to some of the milder purgations, but the preommends, where the droe axes confirmed, that we show ld prely chief by on action and prequent purgery with his article. Daily imging, he says, mohad of weakening invari ably invigorated the child. De agre differs a bille, from In Chapman in the administration of balomet. The former says, ma ravenus convisto in derargement of he sever; and nat whatever in tation may be present in the bow ils from morbed accusulations The insdience is not usefully on ploud; as a purge, but that its



preper action bring on the diver, medicance of a strictly progration kind should be schooled for their waves alion.

balomel if your in a large dose, is well known to operative achowty as a cathartee, and therefive, it sums advisible that we should first imply it, as neon men ded by Dr Shopman, and after wards as is advised be de lyre. There the intient is convateseent, I in synch lones of Biliary devange mint dubride in a pricasive, or verice stationary, murcurial 'richous to the right orde have her found more officacions has an obstinate prosonance in he suplayment of balond.



Emelies are seldom given in marasumed, unless where there is nausea, and ac cume la hond of phlagm in the stomach, V. d. is condemined by dohnoons as useles, when the head is not much affected. Some have proposed the introduction of leches into the noturn to procure the same beneficial estelo, which are said To noult from a humorrhoidal plus. no our however, believe allempto the overcoming of the disease by adopt ing this practice. Chiales are justly considered injurious. for they are well calculated to aggra vate the cause of not lessufs, and to when fore with the operation of those medi unes that are given to semove it. after the beg warrenter of the moeter, or if the calient is much debilibated



lower will be required. It bha man speaks avorably of Bask, and the preparations of from, with small do ses of Rhubart to obviate easterness. to anailiary means of cure, the colot rath, warm clothing, and wereise will be norful. But of all things in the treatment of marisoners no Thing prohings requires more allen how than the dut. Every articles of food should be easy of diges tion, and ought to be given in mode pate quartity so as not to oppose the stomach, whose powers were my imperfect. he kind of nourishment is so good, in the openion, of sayer, for infants, as the milk of the mother, and he tills us, that he has prequently

known the infants of the poor to pe push, potentholanding very altempt to save them, solely from their be ing deprived of the breasts of their mothers. To allempt then, he says, to relieve an infant from this disor der while it is deprived of its not wal food, will be as fruitless, as it must appear unnaturals

